

Product datasheet for **TP307038L**

CNPase (CNP) (NM_033133) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human 2',3'-cyclic nucleotide 3' phosphodiesterase (CNP), 1 mg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC207038 protein sequence
Red=Cloning site **Green**=Tags(s)

MNRGFSRKSHTFLPKIFFRKMSSSGAKDKPELQFPFLQDEDTVATLLECKTLFILRGLPGSGKSTLARVI
VDKYRDGTMVSADAYKITPGARGAFSEEYKRLDEDLAAYCRRRDIRILVDDTNHERERLEQLFEMADQ
YQYQVVLVEPKTAWRLDCAQLKEKNQWQLSADDLKKLKPGLKDFLPLYFGWFLTKKSSETLRKAGQVFL
EELGNHKAFFKELRQFVPGDEPREKMDLVTYFGKRPPGVLHCTTKFCDYGKAPGAEYYAQQDVLKKSYSK
AFTLTISALFVTPKTTGARVELSEQQLQLWPSDVKLSPTDNLPRGSRAHITLGAADVEAVQTGLDLLE
ILRQEKGGSRGEEVGELSRGKLYSLGNRWMLTLAKNMEVRAIFTGYYGKGKPVPTQGSRKGGALQSCTI
I

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 47.4 kDa

Concentration: >0.1 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Bioactivity: Enzyme activity (PMID: [25998049](#))

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_149124](#)

Locus ID: 1267

UniProt ID: [P09543](#)

RefSeq Size: 5222

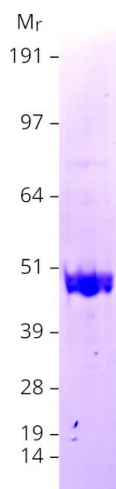
Cytogenetics: 17q21.2

RefSeq ORF: 1263

Synonyms: CNP1

Summary: May participate in RNA metabolism in the myelinating cell, CNP is the third most abundant protein in central nervous system myelin.[UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified CNP protein (Cat# [TP307038]). The protein was produced from HEK293T cells transfected with CNP cDNA clone (Cat# [RC207038]) using MegaTran 2.0 (Cat# [TT210002]).